

ABSTRACT

[0032] A method for setting a gap in a hydrodynamic bearing of a disc drive spindle motors and a motor having such a bearing gap. The method comprises mounting a rotor hub having a central journal sleeve onto a shaft that has been secured to a support after having had a lower thrust bearing pressed onto the shaft in communication with said support, adding an amount of hydrodynamic fluid into the rotor hub's journal sleeve, pressing an upper thrust bearing onto the rotor shaft until contact is made with the rotor hub, and rotating the hub until axial forces balance and set the bearing gap.